

FIG 1

FIG 2

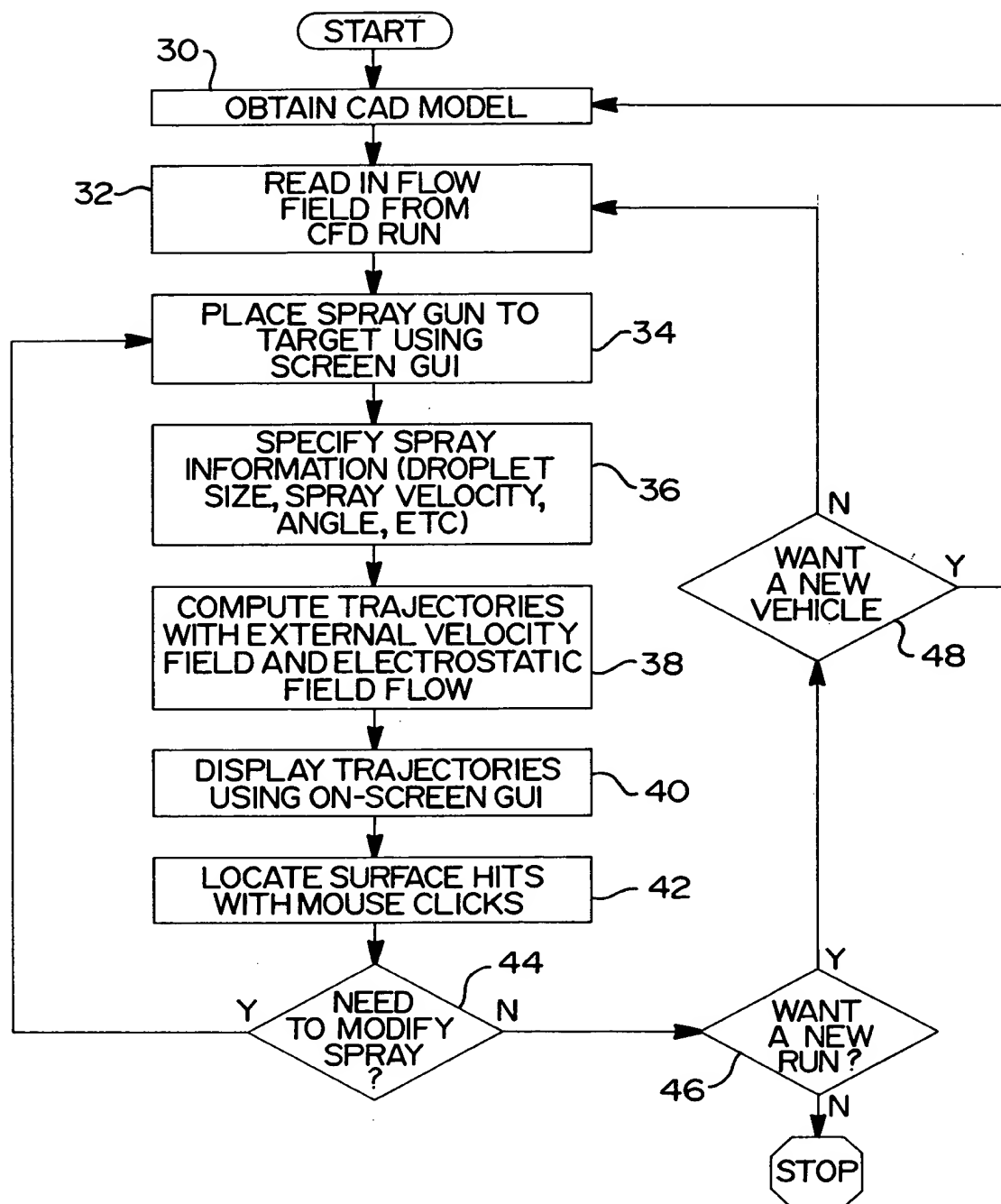


FIG 3

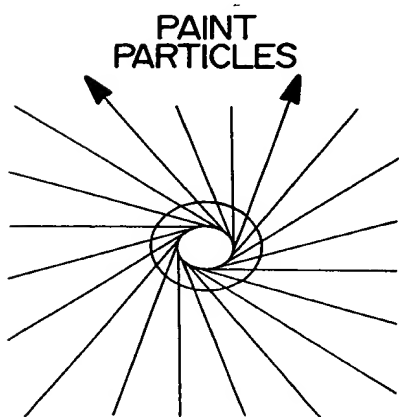
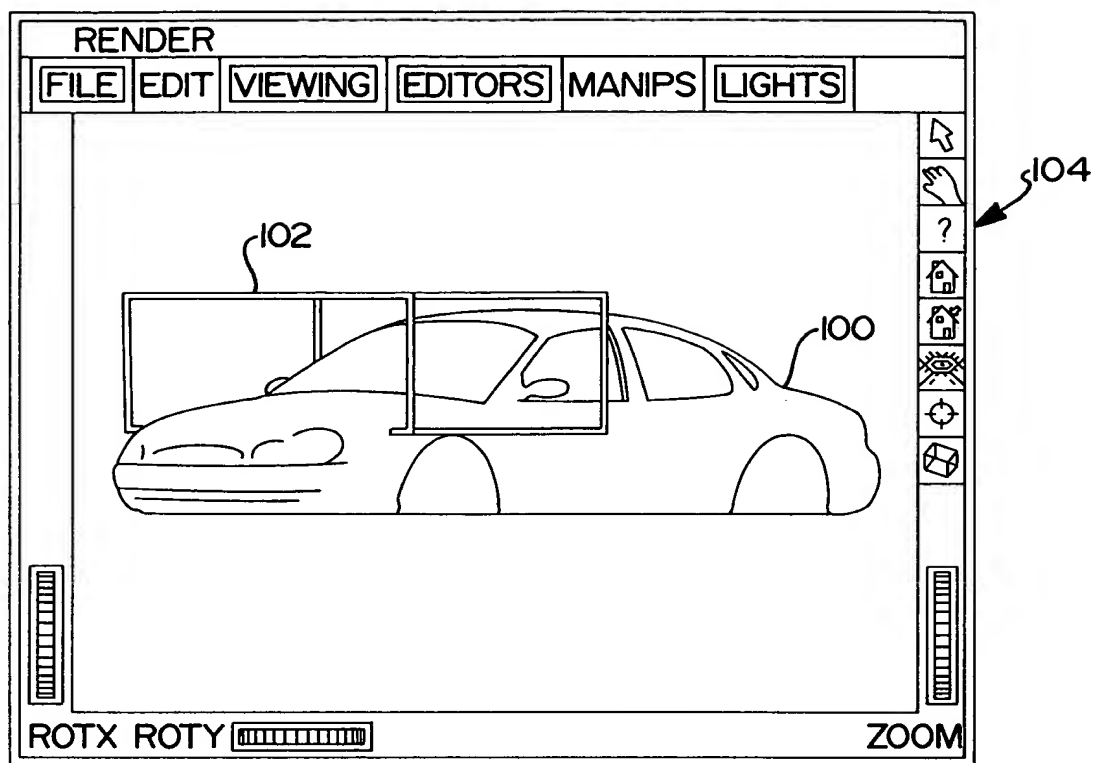


FIG 8A

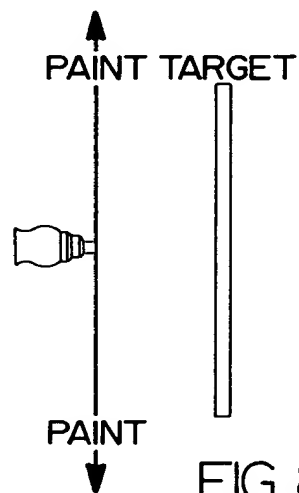


FIG 8B

4
G
F

READ MME RESULTS		HELP	
FILENAME		SHOW GRID	
<div></div>		<div>OFF</div>	
TIMESTEP 1600e+04 <div>Q</div> 4000 1600	UNITS <input checked="" type="checkbox"/> USER <input checked="" type="checkbox"/> MKS <input checked="" type="checkbox"/> DIMLESS <input checked="" type="checkbox"/> LATTICE	CROP <div>PREVIEW</div> SUBSAMPLING 2 <div>106</div> <div>3</div> <div>0</div>	MIN X 9472 <div>10128</div> <div>9472</div> <div>106</div> MAX X 10128 <div>10128</div> <div>9472</div> <div>106</div>
		MIN Y 6648 <div>6976</div> <div>6648</div> MAX Y 6976 <div>6976</div> <div>6648</div>	MIN Z 13064 <div>13472</div> <div>12656</div> MAX Z 13472 <div>13472</div> <div>12656</div>
OUTPUT A	VELOCITY	OUTPUT B	NONE
OUTPUT D	NONE	OUTPUT E	NONE
OUTPUT G	NONE	OUTPUT H	NONE
OUTPUT C	NONE	OUTPUT F	NONE
		OUTPUT I	NONE

FIG 5

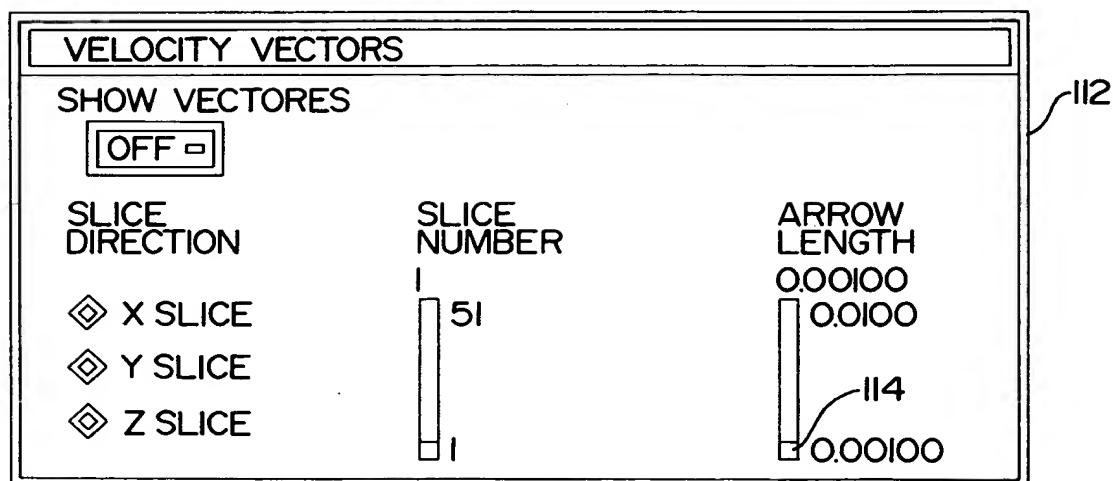
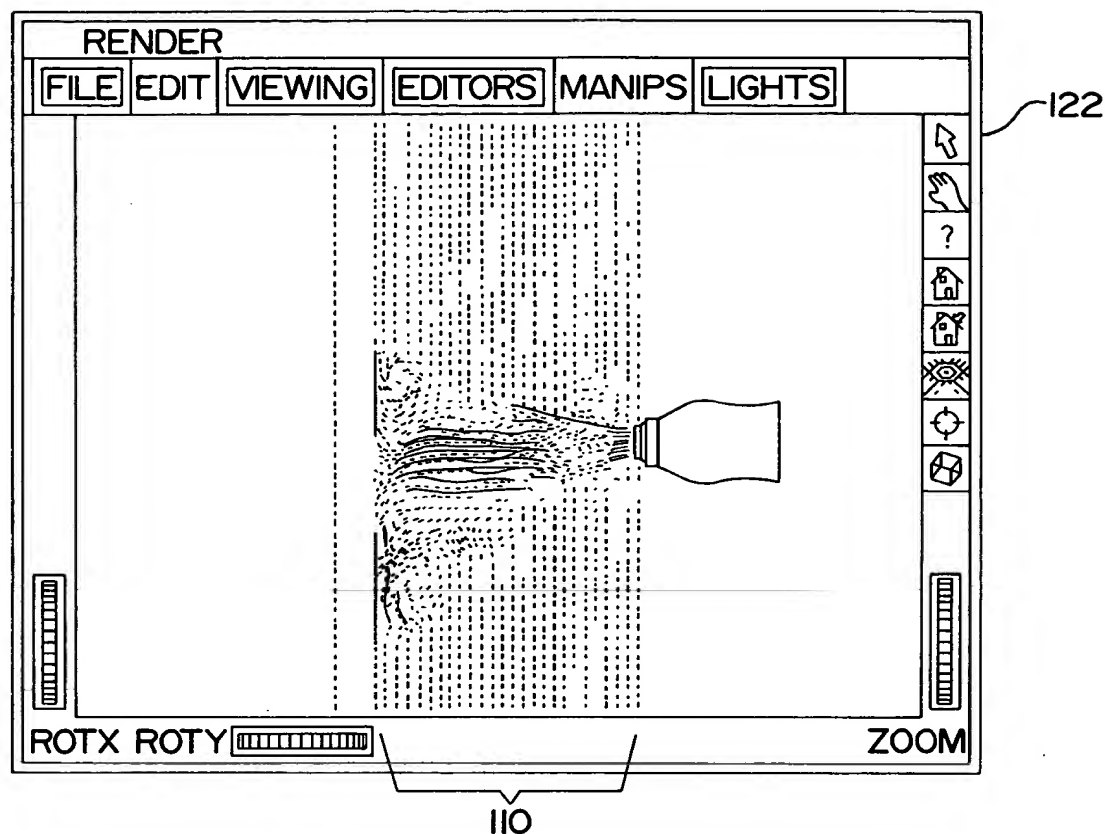


FIG 6

FIG 7

SPRAY

PARTICLE TRACK
◆ DONE
◆ START 138

TRACK DYNAMICS
140
148
150

TRACKS
HIDE 146

DIAMETER 126
0.00158

TIMESTEP
0.0001

DENSITY 128
915.0

NUMBER OF PARTICLES
5 134

X
23.23
116
22.89 24.48

Y
16.26
118
16.07 16.86

Z
31.80
120
31.57 32.56

BASE ANGLE
5.00
180.
132
-180.

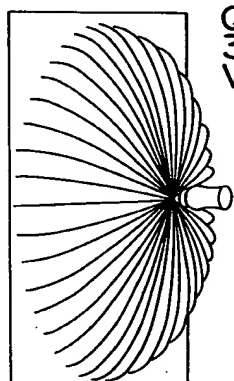
INCLINATION ANGLE
230
180.
130
0.00

INITIAL VELOCITY
8.00
50.0
0.00

SPRAY ANGLE
200
180.
0.00
136

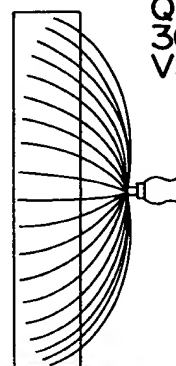
121

FIG 9A



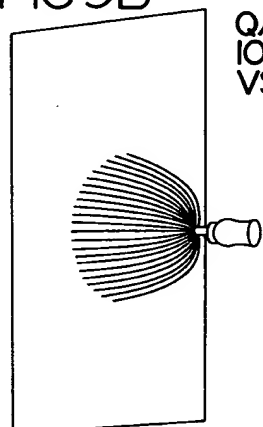
Q/M=5
 30000 RPM
 VS=30 M/S

FIG 9D

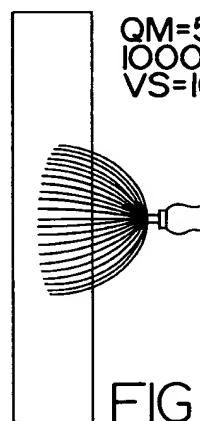


QM=5
 30000 RPM
 VS=10 M/S

FIG 9B

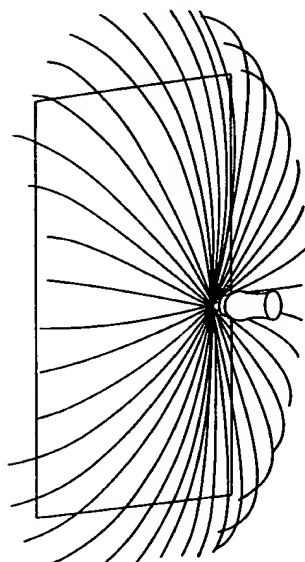


Q/M=5
 10000 RPM
 VS=30M/S



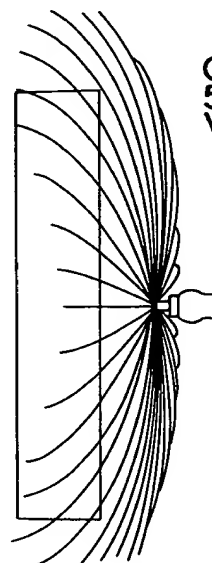
QM=5
 10000 RPM
 VS=10M/S

FIG 9E



Q/M=5
 50000 RPM
 VS=30 M/S

FIG 9C



QM=5
 50000 RPM
 VS=10 M/S

FIG 9F

FIG 10

